

Preliminary Amendment

Applicant: Andrew Graham et al.

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Title: VERTICALLY INTEGRATED COMPONENT, COMPONENT ARRAY AND METHOD FOR FABRICATING (As Amended)

IN THE ABSTRACT

Please replace the Abstract with the following rewritten paragraph:

~~VERTICAL INTEGRATED COMPONENT, COMPONENT ARRANGEMENT AND METHOD FOR PRODUCTION OF A VERTICAL INTEGRATED COMPONENT~~
VERTICALLY INTEGRATED COMPONENT, COMPONENT ARRAY AND METHOD FOR FABRICATING

Abstract

The invention relates to a vertical integrated component, a component arrangement and a method for production of a vertical integrated component. The vertical integrated component has a first electrical conducting layer (101), a mid layer (102), partly embodied from dielectric material on the first electrical conducting layer, a second electrical conducting layer (103) on the mid layer and a nanostructure (104) integrated in a through hold introduced in the mid layer. ~~—with a~~ first end section of the nanostructure is coupled to the first electrical conducting layer and a second end section is coupled to the second electrical conducting layer. The mid layer ~~comprises~~includes a third electrical conducting layer (105) between two adjacent dielectric partial layers, (102a, 102b) the thickness of which is less than the thickness of at least one of the dielectric partial layers.